

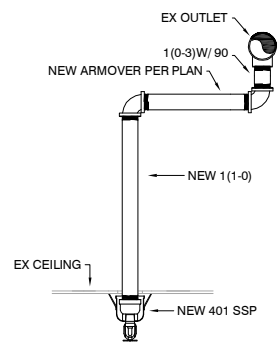
SPRINKLER PLAN

AREAS OF WORK

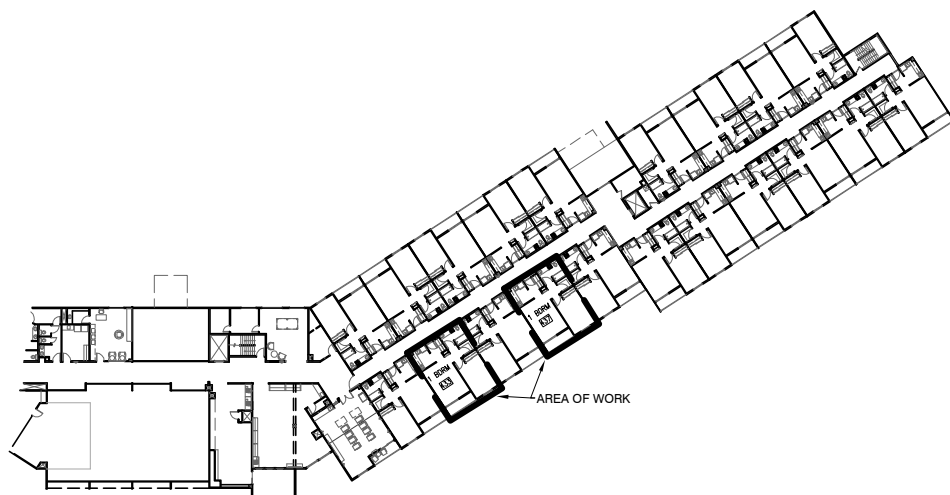
2ND FLOOR UNITS: 217, 228, 232, 234, 238, 242, 244, AND 247
3RD FLOOR UNITS: 328, 340, 342
4TH FLOOR UNITS: 433 & 437

FITTER/LISTER NOTES

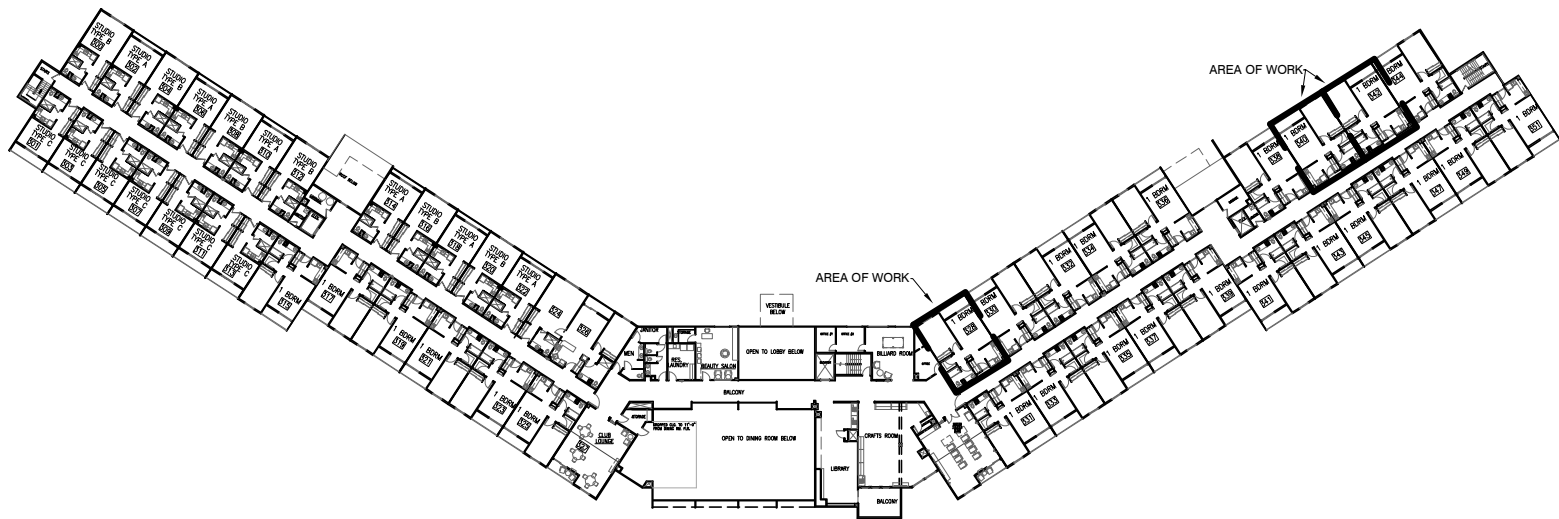
1. ALL DROPS ARE TO BE INSTALLED PER DETAIL A/1 U.N.O.
2. EXCLUDING WORK ON OVERTIME OR AFTER HOURS.
3. EXCLUDING RELOCATING OR MODIFYING THE EXISTING SPRINKLER SYSTEM TO ACCOMMODATE THE WORK OF OTHER TRADES.



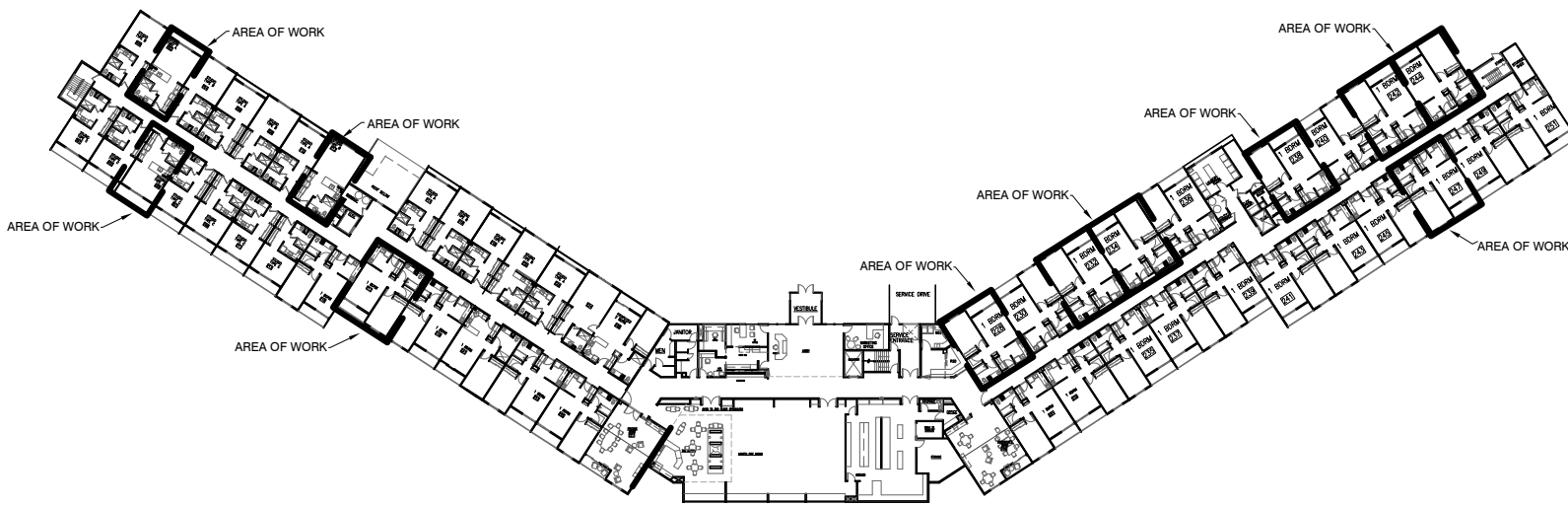
DETAIL A/1



4TH FLOOR KEY PLAN

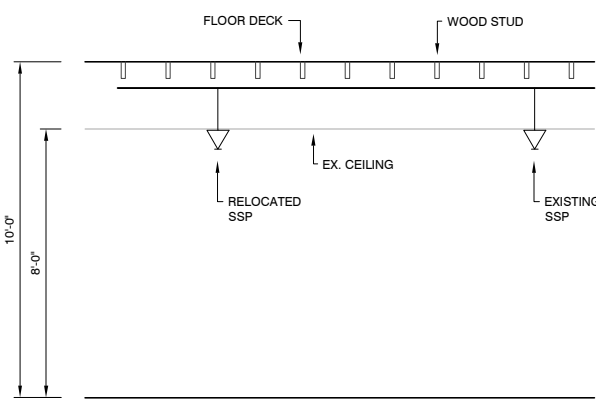


3RD FLOOR KEY PLAN



2ND FLOOR KEY PLAN

Must Remain On Site



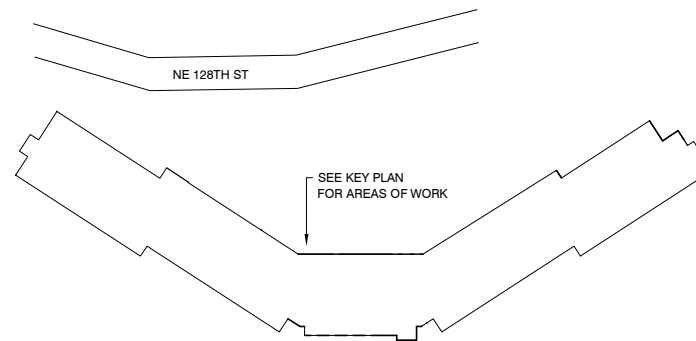
BUILDING SECTION

NTS



AREA MAP

NTS



SITE PLAN

NTS

GENERAL NOTES

1. ALL STEEL PIPE TO BE AS FOLLOWS UNLESS NOTED OTHERWISE:

STEEL PIPE ASTM A-795 OR BETTER						
PIPE SIZE	SCHEDULE	WALL THICKNESS	INTERNAL DIAMETER	END PREP TYPES ALLOWED	WEIGHT OF WATER / PIPE	CAPACITY IN GALLONS
1	40	0.133	1.049	THREADED, CUT GROOVED, ROLL GROOVED, FLAN END, POLISHED	2.05	0.044
** WALL THICKNESS PER NFPA # 13						

2. ALL GROOVED COUPLINGS TO BE RIGID TYPE UNLESS NOTED (|||) WHICH ARE FLEXIBLE.

SCOPE OF WORK

SMITH FIRE SYSTEMS (SFS) WILL MODIFY THE EXISTING SPRINKLER SYSTEM TO ACCOMMODATE THE DEMO'D WALLS.

CLARIFICATIONS:

1. ALL AREAS PROTECTED BY A WET PIPE SYSTEM MUST BE MAINTAINED AT 40°F IN ORDER TO PREVENT FREEZING.

EXCLUSIONS:

1. ANY WORK OUTSIDE THIS TENANT SPACE
2. PAINTING OR LABELING OF PIPE.
3. REPLACEMENT OF PAINTED, DAMAGED, OR CORRODED SPRINKLERS.
4. ELECTRICAL OR ALARM WORK OF ANY KIND.
5. BACKFLOW INSTALLATION, MODIFICATION, OR CERTIFICATION (IF REQUIRED)
6. EXCLUDING REPAIRS OR MODIFICATIONS TO THE EXISTING SYSTEM BEYOND THE SCOPE DESCRIBED ABOVE.

DESIGN CRITERIA:

PER NFPA 13 2010 AND THE CITY OF KIRKLAND





EXISTING CRITERIA:
OFFICE/DWELLING - LIGHT HAZARD

NEW DESIGN CRITERIA:
OFFICE/DWELLING - LIGHT HAZARD

TENANT IMPROVEMENT:

THIS PROJECT IS A TENANT IMPROVEMENT. THIS FACILITY HAS ALREADY BEEN PROTECTED BY A FIRE SPRINKLER SYSTEM. SMITH FIRE SYSTEMS IS ADDING AND/OR RELOCATING SPRINKLER HEADS TO ACCOMMODATE THE NEW TENANT WALL, CEILING, LIGHTING, AND HVAC LAYOUT. ALL WORK WILL BE DONE WITHOUT AFFECTING THE CAPABILITY OF THE EXISTING SYSTEM. THEREFORE NO NEW HYDRAULIC CALCULATIONS ARE NECESSARY.

!CAUTION! 50% REDUCED PRINTS

ABBREVIATIONS		SYMBOL LEGEND		SYMBOL LEGEND		PIPE LEGEND		FLEX LEGEND		SPRINKLER LEGEND		REVISIONS		CONTRACT WITH					
AFI	ABOVE FINISHED FLOOR		CENTERLINE OF PIPE TO REFERENCED STRUCTURE IN INCHES	◆	NEW 1" PLUG		NEW SPRINKLER PIPE	MAKE	TYPE	LEN	NIPPLE	BRKT	SCRW/QUANTITY	NO.	DATE	BY	REASON FOR REVISION	KOELSCH CONSTRUCTION 111 MARKET ST NE#200 OLYMPIA, WA	
BSI	BOTTOM OF STUD		2-WAY EARTHQUAKE SWAY BRACE LETTER INDICATES TYPE	◆	NEW 1/2" PLUG		EXISTING SPRINKLER PIPE	EXISTING											
BSU	BOTTOM OF STUD		4-WAY EARTHQUAKE SWAY BRACE LETTER INDICATES TYPE	◆	NEW STRAP OUTLET		RELOCATED EXISTING PIPE	UNCHANGED											
BSV	BOTTOM OF VALVE		HANGER LOCATION	◆	NEW MECHANICAL TEE OUTLET		NEW FLEXDROP	UNCHANGED											
BSW	BOTTOM OF WALL		ELEVATION ABOVE REFERENCED POINT IN FEET AND INCHES	MT	NEW MECHANICAL TEE OUTLET		RELOCATED EXISTING FLEX	BRACKET LEGEND:		SPRINKLER LEGEND		REVISIONS		CONTRACT WITH					
BSX	BOTTOM OF EXISTING WALL		HYDRAULIC CALCULATION NODE	P	RELOCATED EXISTING SPRINKLER		EXISTING WALL	ACT = STANDARD OGSB BRACKET	TYPE	MODEL	TYPE	MODEL	TYPE	MODEL	TYPE	MODEL	TYPE	MODEL	SMITH FIRE SYSTEMS, INC. 1108 54th AVE EAST TACOMA, WA 98424 CONTR. REG. NO. SMITHFS1360T Bus: (253) 928-1880 FAX: (253) 928-2250
BSY	BOTTOM OF YARD		FLEXIBLE COUPLING	(E)	EXISTING THREADED OUTLET		NEW WALL TO CEILING	GWB = T-BAR, TBS ENDS, AND SSB CLAMP	TYPE	MODEL	TYPE	MODEL	TYPE	MODEL	TYPE	MODEL	TYPE	MODEL	
BSZ	BOTTOM OF ZONE		RIGID COUPLING		EXISTING SYSTEM COMPONENT		NEW FULL HEIGHT WALL	TBAR = T-BAR, TBS ENDS, AND SSB CLAMP	TYPE	MODEL	TYPE	MODEL	TYPE	MODEL	TYPE	MODEL	TYPE	MODEL	
					NEW LOW WALL	TEK = (2) 1/4"x1.5" TEK SCREW	TYPE	MODEL	TYPE	MODEL	TYPE	MODEL	TYPE	MODEL	TYPE	MODEL			
				</															